

# OREGON CROP WEATHER



**NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE**

**USDA, NASS, Oregon Field Office**

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**Weather:** By the end of the week the sun came out and warmed up most of Oregon. High temperatures ranged from 89 degrees in Hermiston down to 62 degrees in Crescent City. Low temperatures ranged from 29 degrees in Agency Lake, Christmas Valley and Redmond, up to 50 degrees in Portland. Temperatures exceeded 80 degrees for twenty-one of forty-three stations and four stations fell below freezing. Twenty-six stations had at least three days of rain, but only two stations had more than four days as conditions dried up by the weekend. Although the majority of stations reported greater than normal seasonal cumulative precipitation, most of South Central Oregon remained far behind on moisture. Klamath Falls struggles most with only 55 percent of normal precipitation for the season.

**Field Crops:** The effect of a wet season so far on wheat varies greatly. Dryer areas were looking good, while the wheat in the south Willamette Valley suffered. Ryegrass pollination was spotty and fields were too wet. In dryer areas producers were able to cut hay; others waited, and some cut hay was too wet. Some Red clover for silage was swathed. Central Oregon bluegrass seed pollination began in earnest. Wet conditions so far have favored powdery mildew at the expense of bluegrass and carrots grown for seed.

**Vegetables:** Lots of catch-up planting was being done. Recent and expected warmer weather should help get them off to a good

start and others to catch up. Some fields of corn and squash sustained damage from high water. Poor stands of squash caused some producers to plow out fields. Truck gardens and farmers markets were active.

**Fruits and Nuts:** Fruit sets were generally down, but should still produce with expected warmer weather. Growers were looking forward to dryer weather to spray fungicides. Strawberries were behind normal. Weather in previous weeks has caused some damage. Many varieties were starting to show at farmer's markets. Vineyards in Jackson and Washington counties benefited from the dryer weather this last week. Farmer's were flailing hazelnut orchards. Wasco cherries were hoping for continued dry weather.

**Nurseries and Greenhouses:** Nurseries continued digging burlapped and balled shrubs, shipping potted plants, and setting out new stock. Greenhouses were also busy setting out new starts to garden centers.

**Livestock, Range and Pasture:** The continued rain followed by warm weather has been great for grass growth. Livestock were enjoying plenty of forage even on dry land pastures and range. Livestock were in good condition across the State.

**Soil Moisture - Week Ending 06/13/10**

	<b>Very short</b>	<b>Short</b>	<b>Adequate</b>	<b>Surplus</b>
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	1	3	64	32
Subsoil	1	10	66	23

**Crop Progress - Week Ending 06/13/10**

<b>Crop</b>	<b>This week</b>	<b>Last week</b>	<b>Last year</b>	<b>5 year average</b>
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Alfalfa hay, first cutting	50	48	61	54
Winter wheat headed	80	75	94	94
Barley emerged	97	93	100	99
Days suitable for fieldwork	4.0	2.4	5.3	5.7

**Crop Condition - Week Ending 06/13/10**

<b>Crop</b>	<b>Very poor</b>	<b>Poor</b>	<b>Fair</b>	<b>Good</b>	<b>Excellent</b>
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter wheat	1	6	21	57	15
Spring wheat	0	4	20	48	28
Barley	0	2	10	59	29
Corn	0	1	15	84	0
Range and pasture	0	2	19	59	20

## Western Oregon

**BENTON/LINCOLN/LINN:** Wet, cool weather continued to be a problem. Annual ryegrass fields began rotting and pollination was spotty. Sugar beets for seed were either frozen out or some roots rotted in the fields. Some wheat fields failed with too much moisture and were being sprayed out. Most wheat has required multiple applications of fungicides. High water from the release of water into the Willamette & Long Tom Rivers was in producers' corn, squash and grass seed fields. Some corn was being planted in rough, muddy conditions. Poor stands of squash caused some producers to plow out fields.

**CURRY:** Just over 1.5 inches of rain this week; only the driest pastures showed any signs of senescence. Excellent foraging conditions.

**DOUGLAS:** The wet, cool weather continued this week keeping farmers mostly out of fields. Grape and orchard crop producers were going to be spraying this weekend with fungicides. This has been a difficult spring to get spray routines started. Survey show most crops are about ten days behind normal development stages with the cool weather pattern. Strawberry crops have been damaged by the rain and production will be down at least 25 percent. Blueberry crops look very nice and if the weather turns warm should ripen nicely. Cherry and peach crops look light. So far our trapping shows minimal spotted wing drosophila out.

**JACKSON:** This week started quite cool and showery, so little field work could be done. Light rain fell Wednesday night into early Thursday morning with some wind at times, but it cleared up on Friday and started to warm up. It was quite warm on Saturday, so hay makers got started and will continue cutting hay crops this week. The warmth was good since much of the grass hay was ready. A couple more weeks of this weather is needed to finish the hay. Grain crops were looking good and quite high. Fruit orchards were getting busy with spraying in the warmer weather. Vineyards were looking quite good and will benefit from some warmer and dryer days. The better weather will also be good for vegetable gardeners. Lots of catch-up planting was being done. Crops that were already planted really needed the warmer weather to get them off to a good start. Greenhouses were really busy getting out new starts to sales outlets. Nurseries were still busy with potted plants and some balled and burlapped stock. They were also busy getting out their starts of new stock. The cool and damp weather has provided an abundance of good forage for livestock, but the warmer weather will soon dry out the dry ground pastures, so it was a good time to use up that type of pasture. All irrigation districts were up and running, so lots of irrigation will soon be needed. It was a week of quite cool and showery weather. Not much field activity until the week end, and haying got off to a good start.

**JOSEPHINE:** Temperatures overnight ranged from 40-60 degrees, and 50-75 degrees in daytime. Precipitation for the week

was 0.25 inches. Mornings were on the dewy side. Truck gardens were catching up. There was still no hay cutting in our area, but maybe this week. Lower fields were yet too wet. Mostly grass hay in our area. Few alfalfa fields mostly planted as cover crop in rotation in our area. It was bumper crop of cauliflower this year. Vegetables were late this year and may not mature. Animals in the area looked good with a bumper crop of kids. There were lots of bees, which was reassuring.

**LANE:** Soil was starting to dry out. The weekend was warmer and drier. Peaches, cherries, and pears were looking okay, sizing and showing low yields. Apples needed thinning, and yields were mostly medium to low. Codling moth was out one day back in May, but no catches since the emergence. Warm weather over the weekend was favorable for codling moth and cherry fruit fly emergence. Blueberries were a poor to good fruit set. Raspberries were a medium bloom set. Grapes were growing nicely, with 12-16 inches of growth. Powdery mildew soon. Winter damage continued. There were lots of snails and slugs, spittle bugs and a rash of rusts and fungus problems. There were many questions about the spotted wing drosophila.

**WASHINGTON:** The first hay cutting and field corn was stunted. Winter wheat was starting to change color. Grass for seed was developing good heads but lodging was prevalent. Strawberries kept mudding along. Some strawberries suffered from rot and mildew caused by wet weather. Cane and raspberries were blooming. Grapes were growing well but a few weeks behind schedule. Apples were forming and Filberts were showing. Sweet corn for canning was way behind schedule. Beans for canning were growing slowly. A few tomatoes were planted; sunny days will help late plantings. Nurseries were digging, burlapping, and balling small shrubs for shipping. Cattle were doing well and pastures were perking up, although ground was still very soft. The high temperature was 75.9 degrees, and the low 43.2 degrees. Humidity ranged from a high of 78 percent to a low of 52 percent. There was no measurable rain.

**YAMHILL:** This last week began with dry days in the low 70s. Tuesday through Friday was damp and in the 60s. Saturday was the first day over 80 degrees this month, with Sunday cooling down to the low 70s and windy. It was good to see warm, sunny weather. Farmers were flailing the hazelnut orchards and doing a little spraying. Some grass fields were also sprayed early in the week. Himalayan blackberries were flowering profusely and some strawberries were being picked as they began to ripen, several weeks behind. Flavor and texture was good although less sweet because of the rain and more mold was seen than usual. There were lots of odd-shaped berries that looked like several berries had fused together. Grass hay went down this weekend and some red clover for silage was swathed as well. Lots of varieties of strawberries were at farmers markets.

## Eastern Oregon

**GILLIAM:** Dryer and warmer temperatures should be favorable to cereal growth.

**GRANT:** Pastures were looking good after all the rain and the warm weather finally starting to appear. Some alfalfa was being cut in the western part of the County.

**HARNEY:** Temperatures finally warmed during the latter part of the week providing improved growing conditions for pastures and hay fields. Alfalfa growers were beginning a late first cutting. Cattle continued to enjoy a good grass year on rangeland pastures.

**JEFFERSON:** Bluegrass seed pollination began in earnest last week. The wet, cool conditions were mostly finished by the time the grass really started pollinating. However, the wet, cool conditions that persisted for so long this spring were very favorable for powdery mildew in bluegrass and carrot grown for seed.

**KLAMATH:** Finally there was warmer weather. Some farmers took advantage of the warm weather to drop the first cutting of hay. Row crops continued to emerge.

**MALHEUR:** Last week was mostly dry with windy conditions and high temperatures near normal in the high 70s. Most fields were dry enough to enter by week's end. High winds interrupted spraying. Generally wet and cold conditions for the last 3 weeks gave weeds and insects a head start. Most crops thought to be 2 weeks behind. Hay cutting resumed last week and wet hay that was down got turned. Most reservoir levels improved as a result of rains, as did grazing conditions.

**MORROW:** The first cutting of alfalfa has been a disaster due to frequent (and substantial) rain. The wheat and barley crops were in fair-to-excellent condition. Variability in the condition of cereal grains can be attributed to dry planting conditions last fall and stand establishment that was successful in some locations and marginal in others.

**SHERMAN:** Finally getting some closer to normal June

temperatures. Wheat in South County is expected to get a jump start heading. Heads on other wheat were large with no kernel abortions. Some impact from cold temperatures was seen on flag leaves, but not devastating. Farmers were in high spirits over crop prospects, but the big buzz is the 100th anniversary celebration at Sherman Experiment Station Wednesday, June 16th. There will be over 100 wheat varieties (some dating back to 1870) and heritage to present day grains. Producers will enjoy comparing old taller varieties to modern semi-dwarfs. There are also 40 alternate crops that had been planted in trials over the years, including some "modern-day-wonder crops" that were first tested here 75 years ago. Filed demos using horses, old tack layer to a modern tractor complete with all the "Gee-wow" factors. Lots of history and dignitaries to round out the day. It starts at 8 a.m. at the high school in Moro and ends at 1:30 following lunch.

**UMATILLA:** The cold and wet weather of May has continued into June. Everything is behind. It is too wet for hay. Potato acreage is down. Those that forward contracted corn and wheat are better off than those who did not.

**UNION/BAKER:** Things need to dry out before field work or haying can commence. Over 2.5 inches of rain have fallen this month. Weather continued to be wet and cold. Some flooding occurred. Flooded areas were those normally affected during any high water event.

**WALLOWA:** With more rain this week, some producers were not able to plant spring barley by the RMA deadline.

**WASCO:** The first half of the week was cool and wet. A number of hay fields cut several weeks ago have sustained mold damage to hay in windrows due to the constant rain. Swathing of first cutting of hay was under way again with the hot dry weather at week's end. Seventy five percent of the winter wheat was headed out by week's end. All fields were bright green and very pretty with the wind blowing waves through the wheat fields. Cattle continue to do well on dry land pastures. The point in time is fast approaching when rain benefits grain crops but damages the cherry crop.

**Weather data for selected stations in Oregon, Week ending: June 13, 2010 (as of 11:00 am) <sup>1</sup>**

Station	Air temperature <sup>2</sup>				Growing degree days <sup>3</sup>		Last week precip. <sup>4</sup>			Season cum. precipitation <sup>5</sup>			
	Low	High	Avg.	DFN <sup>6</sup>	Total	DFN <sup>6</sup>	Total inches	DFN <sup>6</sup>	Days <sup>7</sup>	Total inches	DFN <sup>6</sup>	Pct. normal	Days <sup>7</sup>
<b>COASTAL AREAS</b>													
Astoria/Clatsop	43	71	56	+1	47	+4	0.96	0.34	4	74.77	12.09	119	175
Bandon <sup>8</sup>	49	63	56	+2	44	+6	1.05	0.64	5	60.37	3.54	106	193
Crescent City	48	62	56	+0	42	+0	0.62	0.24	2	65.02	1.72	103	153
Florence	41	69	55	-3	36	-12	1.85	1.22	4	87.34	14.23	119	164
North Bend	48	63	56	-1	45	-2	1.09	0.66	4	59.47	-1.67	97	157
Tillamook	45	72	57	+2	49	+13	0.96	0.14	4	64.78	-18.86	77	170
<b>WILLAMETTE VALLEY</b>													
Aurora <sup>8</sup>	48	83	60	-1	69	-4	0.48	0.06	3	43.49	4.90	113	165
Corvallis	48	79	59	-1	67	-1	0.30	-0.03	3	42.10	1.39	103	180
Detroit Lake <sup>8</sup>	43	82	57	+2	55	+7	1.92	1.35	5	84.81	20.53	132	177
Eugene	45	78	60	-2	68	-7	0.27	-0.11	2	40.08	-7.01	85	146
Hillsboro	44	82	59	-3	63	-10	0.52	0.17	3	36.99	1.77	105	152
McMinnville	41	82	58	-3	59	-13	0.46	0.18	3	29.36	-12.13	71	136
Portland	50	81	60	-3	74	-13	0.86	0.47	3	35.97	2.12	106	174
Salem	44	81	60	-1	69	-4	0.29	-0.06	2	43.29	6.13	116	151
<b>SW VALLEYS</b>													
Grants Pass	46	83	61	-4	79	-27	0.23	0.09	3	28.66	-1.42	95	141
Medford	47	86	62	-4	88	-16	0.15	0.01	3	15.09	-2.71	85	102
Roseburg	46	82	62	-1	84	-3	0.59	0.38	2	33.03	1.75	106	150
<b>NORTH CENTRAL</b>													
Condon	38	71	56	-3	42	-17	0.34	0.06	3	16.36	3.98	132	111
Echo <sup>8</sup>	45	88	63	-4	90	-19	0.43	0.29	3	9.34	1.19	115	100
Heppner	42	76	59	-4	62	-21	0.95	0.70	4	11.82	-0.62	95	95
Hermiston	41	89	64	-3	98	-11	0.32	0.18	3	8.87	0.72	109	83
Madras <sup>8</sup>	36	79	56	-5	43	-30	0.16	-0.05	3	10.15	1.10	112	112
Moro	42	78	57	-3	53	-16	0.46	0.32	3	14.26	4.22	142	97
Parkdale <sup>8</sup>	37	80	56	-6	43	-34	0.61	0.42	2	37.88	8.22	128	160
Pendleton	44	84	61	-4	83	-20	0.41	0.27	4	13.58	2.76	126	95
Prairie City <sup>8</sup>	36	79	56	-5	43	-30	0.16	-0.05	3	10.15	1.10	112	112
The Dalles	46	86	64	+5	100	+28	0.17	0.03	2	13.22	1.81	116	104
<b>SOUTH CENTRAL</b>													
Agency Lake <sup>8</sup>	29	78	53	-3	31	-15	-	-0.21	-	10.42	-4.27	71	91
Bend	32	78	53	-4	30	-16	0.10	-0.11	2	10.02	-0.14	99	40
Burns	32	80	56	+0	47	-1	-	-0.21	-	10.35	1.89	122	96
Christmas Valley <sup>8</sup>	29	80	51	-10	19	-52	0.21	-0.07	2	6.14	-4.66	57	92
Klamath Falls	32	81	55	-4	41	-26	-	-0.18	-	6.69	-5.52	55	81
Klamath Falls <sup>8</sup>	32	79	55	-5	42	-25	-	-0.18	-	7.57	-4.64	62	93
Lakeview	34	75	52	-6	26	-30	0.03	-0.25	2	10.23	-3.92	72	107
Lorella <sup>8</sup>	32	80	54	-6	35	-32	0.04	-0.14	1	8.74	-3.47	72	91
Redmond	29	82	54	-5	32	-26	0.07	-0.14	1	7.11	-0.12	98	80
Worden <sup>8</sup>	31	79	53	-7	30	-37	-	-0.18	-	7.15	-5.06	59	80
<b>NORTHEAST</b>													
Baker City	38	77	55	-5	39	-25	0.06	-0.29	3	9.18	0.56	106	96
Joseph	39	70	53	-1	27	-3	0.85	0.40	4	14.47	-7.55	66	92
La Grande	39	81	58	-4	58	-19	0.67	0.32	4	12.59	-2.58	83	91
Union	39	79	56	-3	46	-14	1.03	0.61	4	15.07	3.62	132	93
<b>SOUTHEAST</b>													
Ontario	49	87	65	-3	108	-11	0.03	-0.18	2	10.24	1.53	118	90
Rome	35	79	57	-6	53	-36	0.29	0.02	3	8.68	1.73	125	75

<sup>1</sup> Summary based on NWS data. Copyright 2010: AWIS, Inc. All Rights Reserved.

<sup>2</sup> Air temperature in degrees Fahrenheit.

<sup>3</sup> Growing degree days base-50 degrees Fahrenheit.

<sup>4</sup> Precipitation (rain or melted snow/ice) in inches.

<sup>5</sup> Season cumulative precipitation starts September 1, 2009.

<sup>6</sup> DFN=Departure from normal (using 1961-1990 normal period).

<sup>7</sup> Precipitation days = Days with precipitation of 0.01 inch or more.

<sup>8</sup> Agri-Met weather stations.